

Appl. No. 10/531,768  
Amdt. dated September 30, 2008  
Reply to Office Action of July 7, 2008

Atty. Ref. 81784.0328  
Customer No. 26021

OK TO ENTER: /A.H./

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Tohru WATANABE  
Serial No. 10/531,768  
Confirmation No. 6028  
Filed: April 19, 2005  
For: Image Data Processing Apparatus

Art Unit: 2622  
Examiner: Hsu, Amy R

**AMENDMENT UNDER 37 CFR 1.116**

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Commissioner for Patents  
P.O. Box 1450  
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September 30, 2008

Date of Deposit

Juanita Soberanis

Name

*Juanita Soberanis*

9/30/2008

Signature

Date

Dear Sir:

In response to the final Office Action dated July 7, 2008, please amend this application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.

### Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims:

#### Listing of Claims:

1-2. (Canceled)

3. (Currently amended) The An image data processing apparatus as defined in Claim 1 for performing a predetermined signal processing on input image data and generating output data for supplying to an external apparatus, the image data processing apparatus comprising:

a first processing circuit for performing a first signal processing with respect to image data so as to produce a first set of image data; and

a second processing circuit for performing with respect to the image data a second signal processing, which is independent from the first signal processing, so as to produce a second set of image data, wherein

the first processing circuit comprises a first filter for attenuating a first bandwidth of the image data so as to generate a first luminance data, a gamma corrector for performing a gamma correction processing on the first luminance data, and a first contour emphasize for performing a first contour emphasis processing with respect to the gamma-corrected data; ~~and~~

the second processing circuit comprises a second filter for attenuating a second bandwidth of the image data so as to generate a second luminance data, and a second contour emphasize for performing a second contour emphasis processing with respect to the second luminance data; ~~and~~

the first and second processing circuits execute the first and second signal processing in a parallel manner, and output the first and second sets of image data as output data.

4. (Original) The image data processing apparatus as defined in Claim 3, wherein

the first processing circuit further comprises a conversion circuit for changing at least one of pixel density or frame rate of the luminance data.

5. (Previously presented) The image data processing apparatus as defined in Claim 4, wherein

the second processing circuit further comprises a digitizer for digitizing an output from the second contour emphasize so as to generate a digitized data.

6. (Previously presented) The image data processing apparatus as defined in Claim 5, further comprising

a synthesizing circuit for allocating an output from the first processing circuit and an output from the second processing circuit to predetermined high-order bits and predetermined low-order bits of the output data, respectively, so as to synthesize the outputs.

**Remarks/Arguments**

Reconsideration of this application is requested.

**Claim Status**

Claims 1-6 were presented. Claim 3 is amended. Claims 1 and 2 are canceled without prejudice. Claims 3-6 are now pending.

**Allowable Subject Matter**

Claims 3-6 are indicated as allowable if rewritten in independent form. Claim 3, which depends directly from claim 1, is rewritten in independent form including all limitations of claim 1. Claims 4-6 depend from claim 3. Accordingly, claims 3-6 are now in condition for allowance.

**Claim Rejections – 35 USC 102**


Claims 1 and 2 are rejected under 35 USC 102(e) as anticipated by Nakajima (US 7,068,314). In response, claims 1 and 2 are canceled without prejudice.

**Conclusion**

This application is now in condition for allowance. The Examiner is invited to contact the undersigned to resolve any issues that remain after consideration and entry of this amendment. Any fees due with this response may be charged to our Deposit Account No. 50-1314.

Respectfully submitted,  
HOGAN & HARTSON LLP.

Date: September 30, 2008

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